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Fig. 1

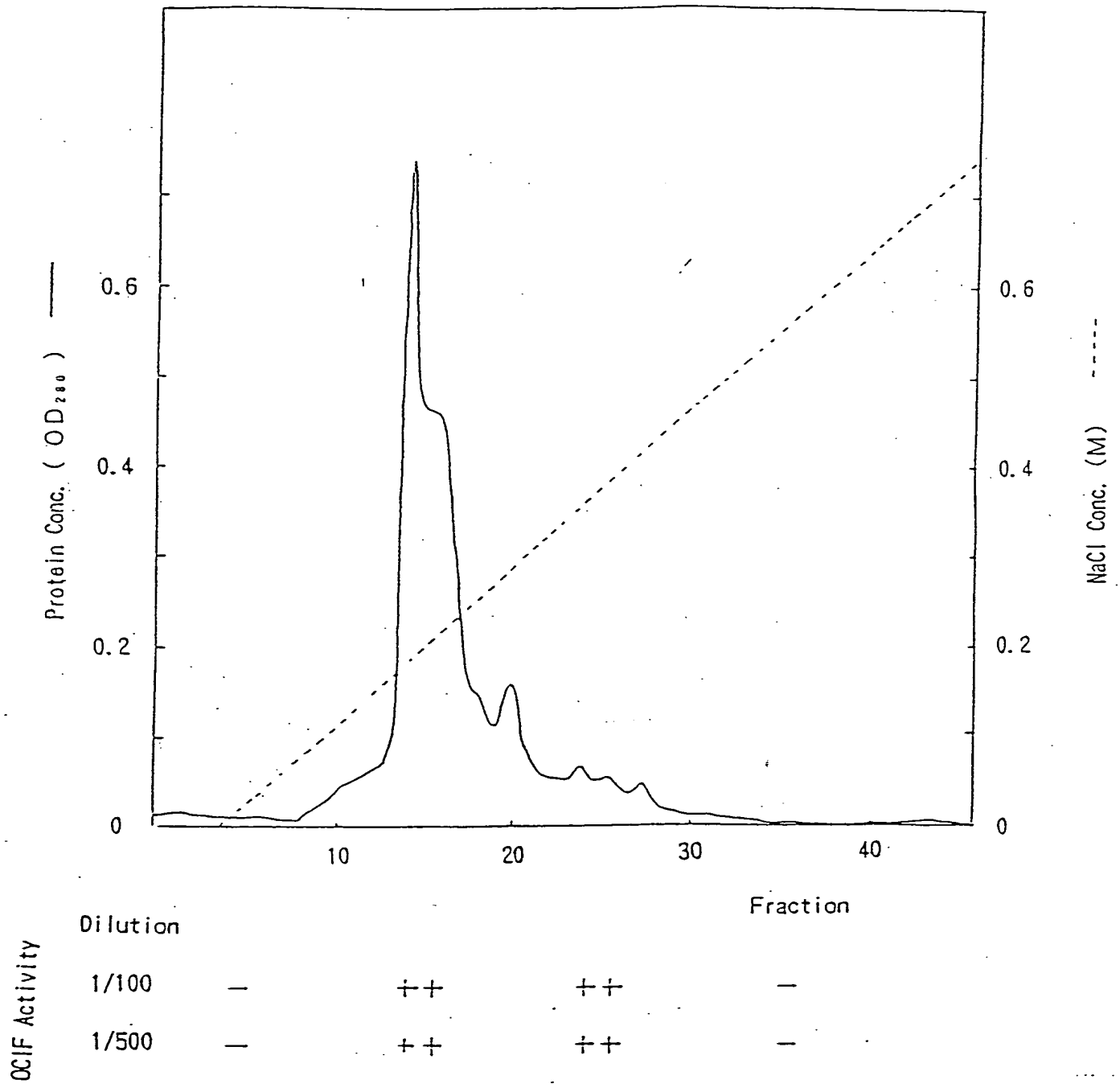


Fig. 2

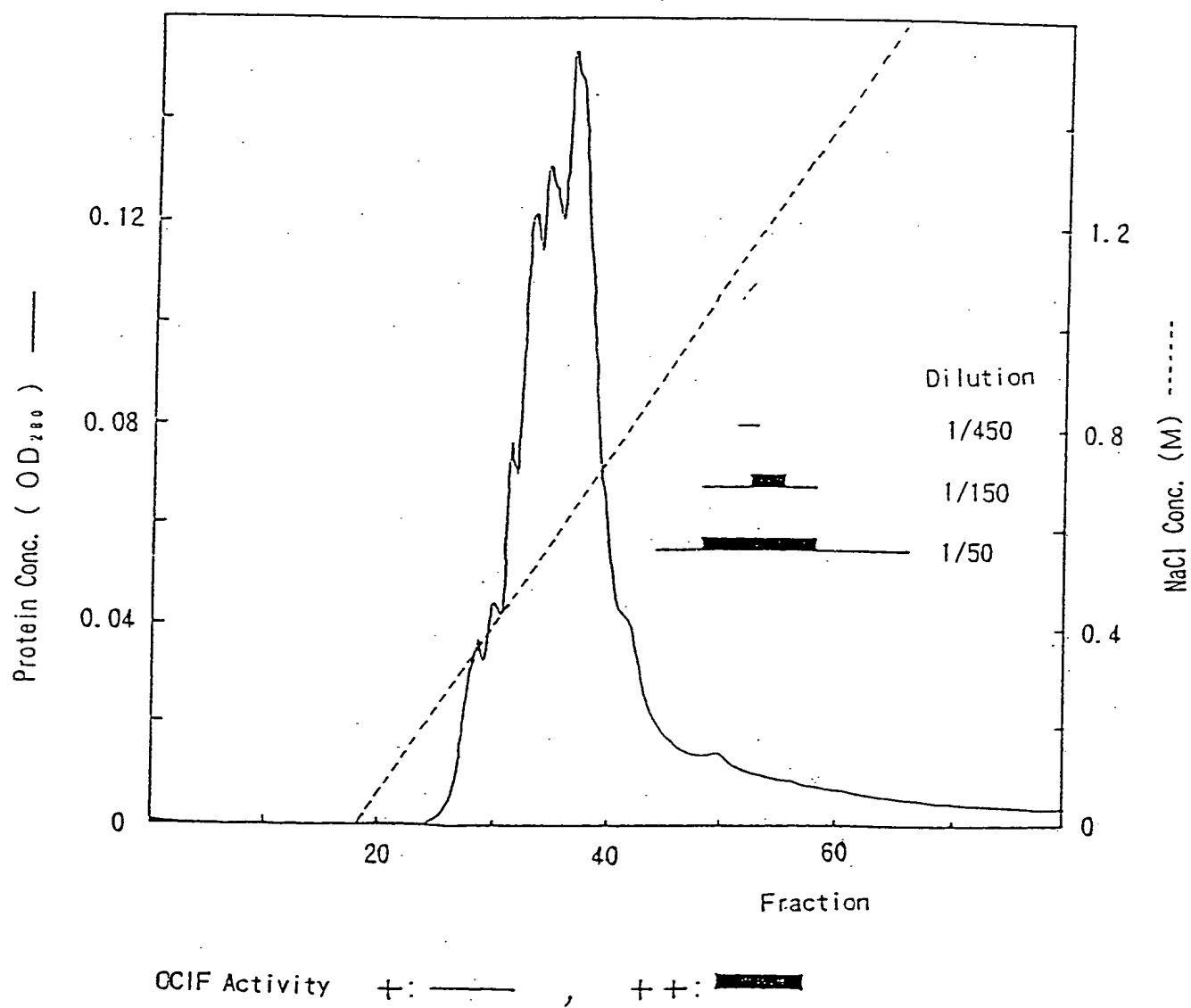


Fig. 3

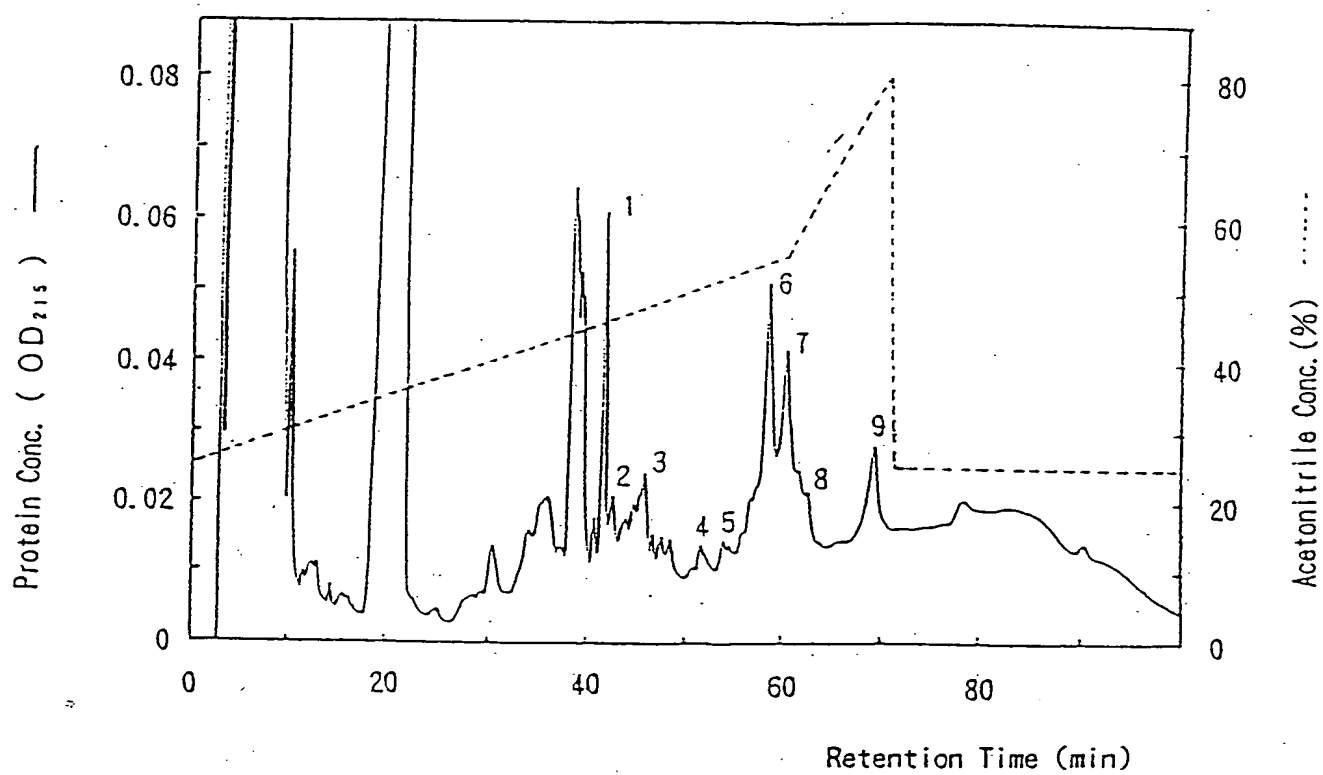
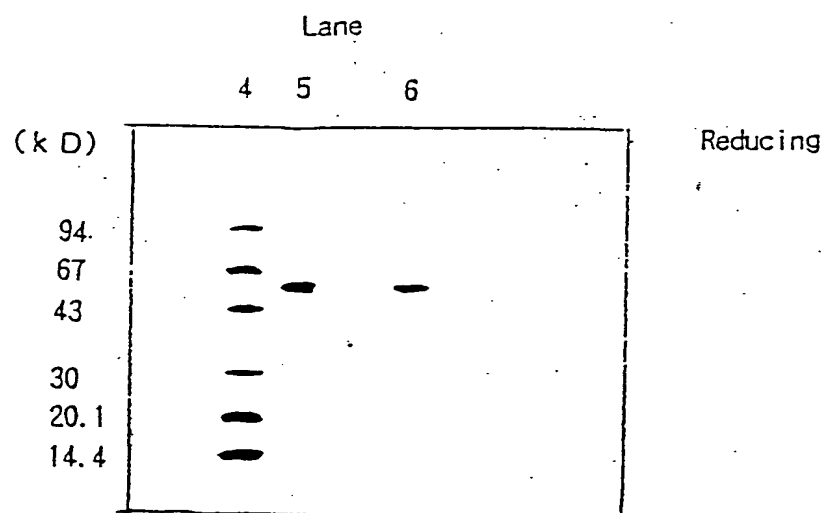
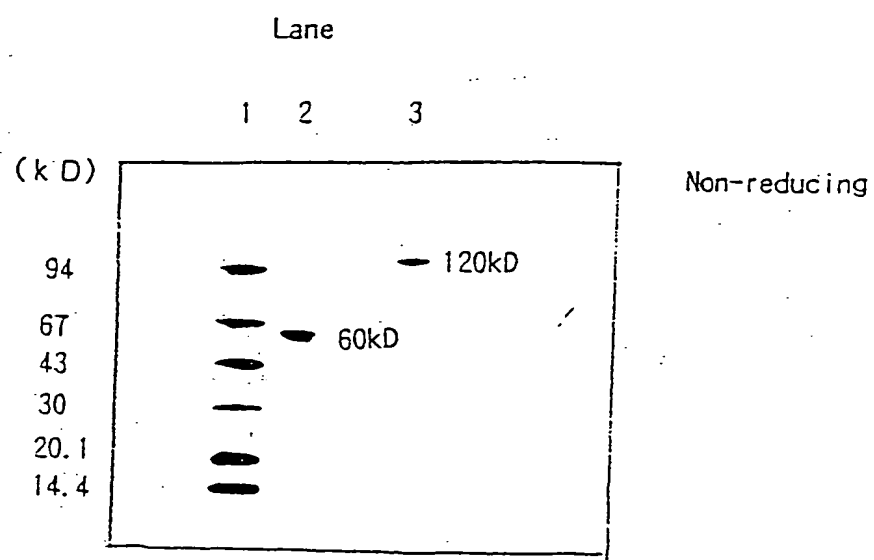
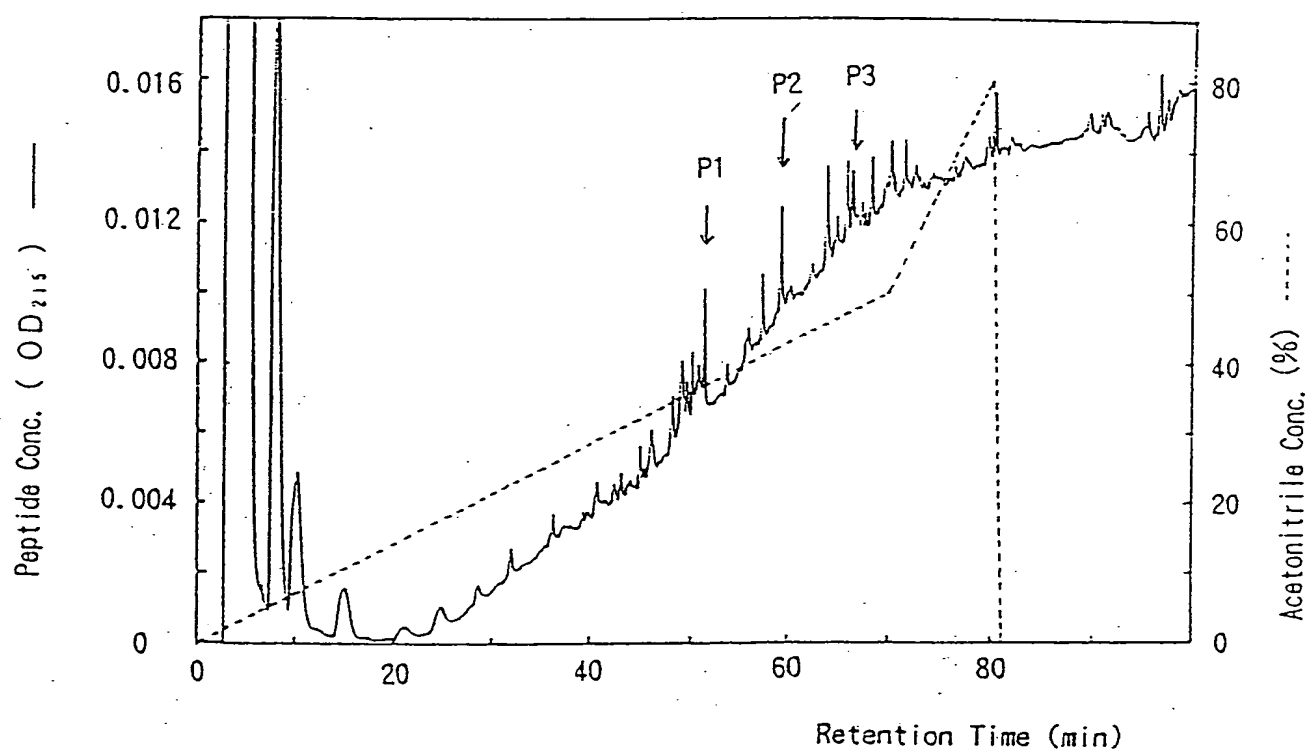


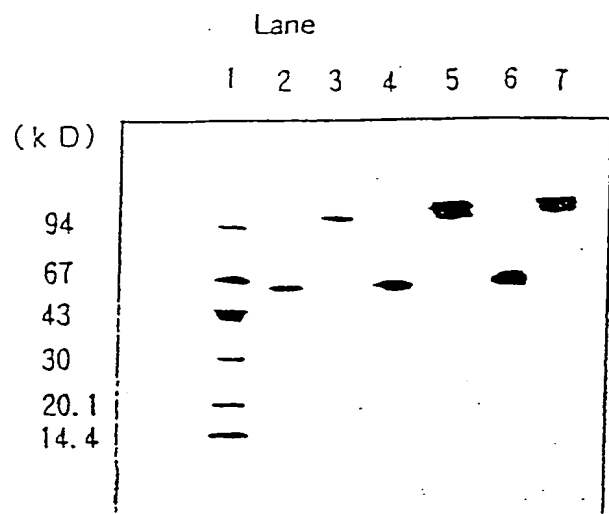
Fig. 4



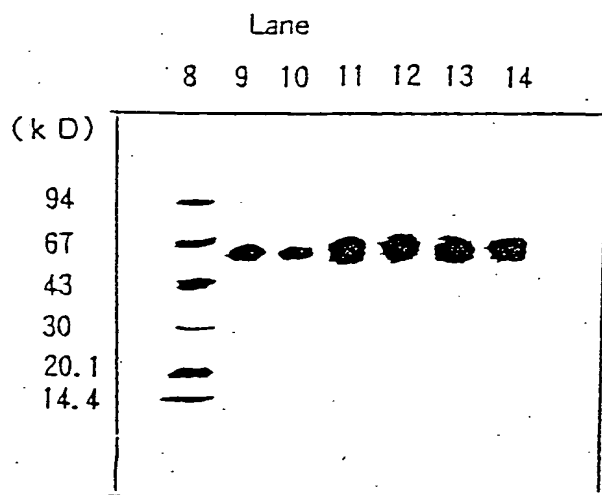
**Fig.5**



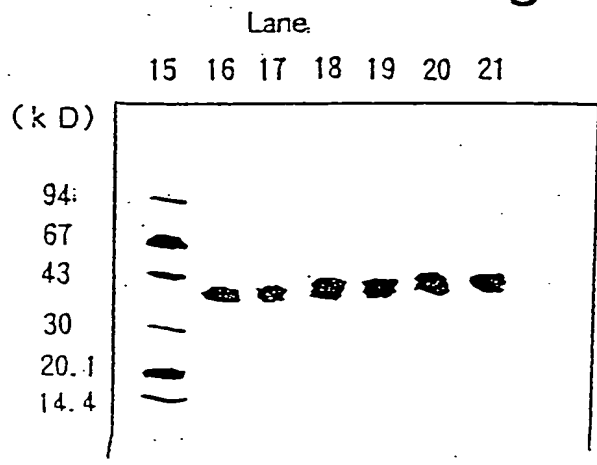
**Fig. 6**



**Fig. 7**



**Fig. 8**



# Fig. 9

1  
MNNLLCCALVFLDISIKWTTQETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF1)  
\*\*\*\*\*  
MNNLLCCALVFLDISIKWTTQETFPKYLHYDEETSHQLLCKCPPGTYLKQHCTAKWKT (OCIF2)  
1

61  
VCAPCPDHYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1)  
\*\*\*\*\*  
VCAPCPDHYTDSWHTSDECLYCSPVCKE-----CNRTHNRVCECKEGRYLEIEFCLK (OCIF2)  
61

121  
HRSCPPGFGVVQAGTPERN TVCKRCPDGGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1)  
\*\*\*\*\*  
HRSCPPGFGVVQAGTPERN TVCKRCPDGGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF2)  
114

181  
HDNICS GNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1)  
\*\*\*\*\*  
HDNICS GNSESTQKCGIDVTLCEEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF2)  
174

241  
KRQHSSQEQT FQLLKLWKHQNKDQDIVKKIIQDIDLCENSVQRHIGHANLTFEQLRSLME (OCIF1)  
\*\*\*\*\*  
KRQHSSQEQT FQLLKLWKHQNKDQDIVKKIIQDIDLCENSVQRHIGHANLTFEQLRSLME (OCIF2)  
234

301  
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF1)  
\*\*\*\*\*  
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF2)  
294

361  
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF1)  
\*\*\*\*\*  
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF2)  
354



## Fig. 10

1  
MNNLLCCALVFLOISIKWTTQETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1)  
\*\* \*\*\*\*\*  
MNKLLCCALVFLOISIKWTTQETFPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF3)  
1

61  
VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1)  
\*\*\*\*\*  
VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF3)  
61

121  
HRSCPPGFGVVQAGTPERN TVCKRCPDGGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1)  
\*\*\*\*\*  
HRSCPPGFGVVQAGTPERN TVCKRCPDGGFFSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF3)  
121

181  
HDNICS GNSESTQKCGIDVTLC EEAFFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF1)  
\*\*\*\*\*  
HDNICS GNSESTQKCGIDVTLC EEAFFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERI (OCIF3)  
181

241  
KRQHSSQEQT FQLLKLWKHQNKDQDIVKKIIQDIDLCENSVQRHIGHANLT FEQLRSLME (OCIF1)  
\*\*\*\*\*  
KRQHSSQEQT FQLLKLWKHQNKDQDIVKKIIQDIDLCENSVQRHIGHANLS----- (OCIF3)  
241

301  
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF1)  
\*\*\*\*\*  
-----LWRIKNGDQDTLKGLMHALKH SKTYHFPKT (OCIF3)  
292

361  
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF1)  
\*\*\*\*\*  
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF3)  
322

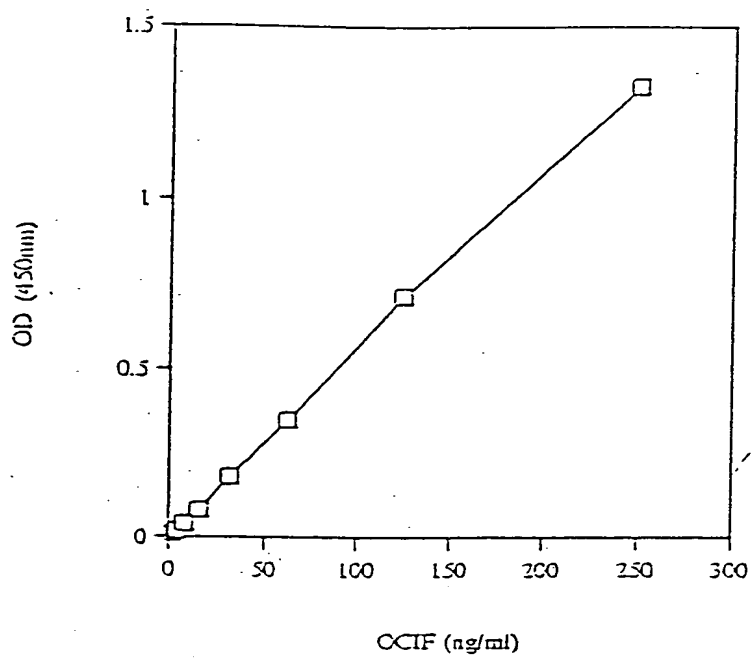
Fig. 11

1  
MNNLLCCALVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPCPGTYLKQHCTAKWKT (OCIF1)  
\*\* \*\*\*\*\*  
1 MNKLLCCSLVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPCPGTYLKQHCTAKWKT (OCIF4)  
1  
61  
VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1)  
\*\*\*\*\*  
61 VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF4)  
61  
121  
HRSCPPGFGVVQAGTPERN TVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1)  
\*\*\*\*\*  
121 HRSCPPGFGVVQAGTCQCAAKLIRIMQSQIVVTV (OCIF4)  
121

Fig. 12

1  
MNNLLCCALVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPCPGTYLKQHCTAKWKT (OCIF1)  
\*\* \*\*\*\*\*  
1 MNKLLCCALVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPCPGTYLKQHCTAKWKT (OCIF5)  
1  
61  
VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1)  
\*\*\*\*\*  
61 VCAPCPDHYYTDSWHTSDECLYCSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF5)  
61  
121  
HRSCPPGFGVVQAGTPERN TVCKRCPDGFSSNETSSKAPCRKHTNCSVFGLLLTQKGNAT (OCIF1)  
\*\*\*\*\* \*  
121 HRSCPPGFGVVQAGCRRRPKQICI (OCIF5)  
121

**Fig. 13**



**Fig. 14**

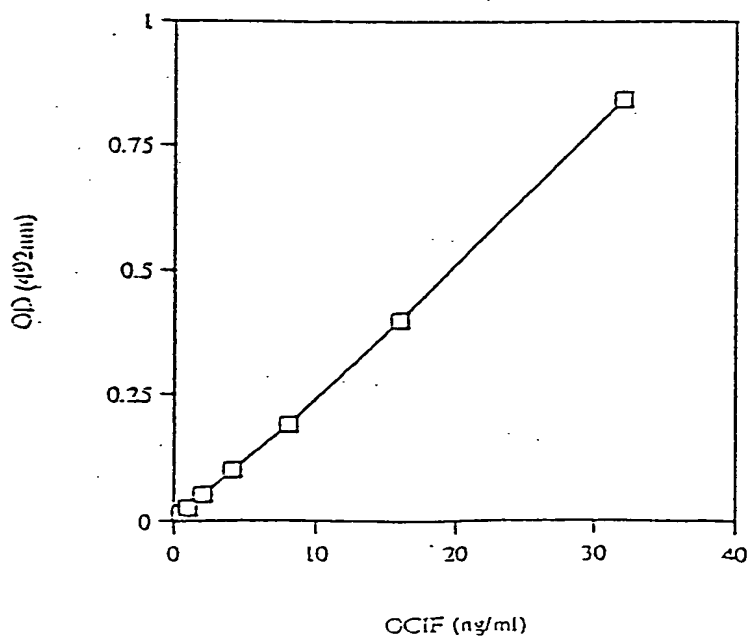
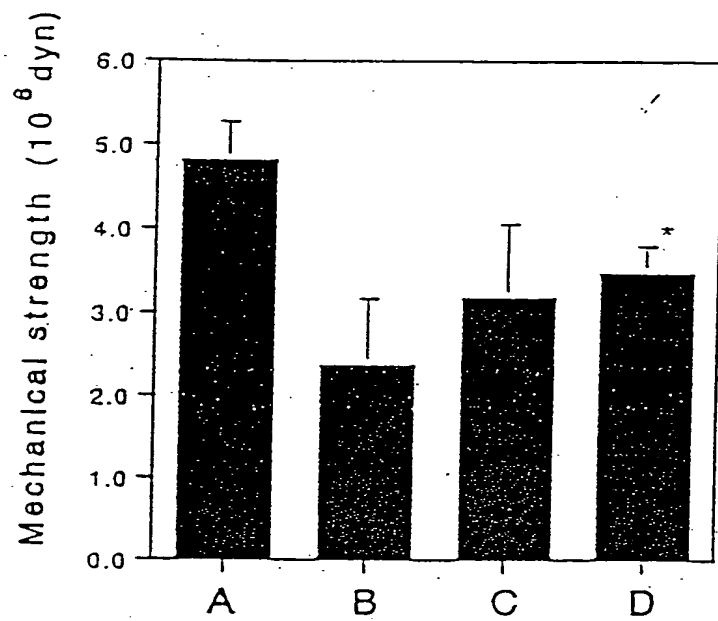


Fig. 15



A : Normal rat

B : Denervated rat + Vehicle

C : Denervated rat + OCIF 10  $\mu$ g/kg/day

C : Denervated rat + OCIF 100  $\mu$ g/kg/day